UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.usplo.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

01/30/2008

Hamre, Schumann, Mueller & Larson, P.C. P.O. BOX 2902-0902 Minnepolis, MN 55402 EXAMINER

LUDLOW, JAN M

ART UNIT PAPER NUMBER

1797

DATE MAILED: 01/30/2008

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/089,399	07/22/2002	Takanori Kamada	10921.118USWO	4956

TITLE OF INVENTION: LIQUID HOMOGENIZING UNIT AND HIGH SPEED LIQUID CHROMATOGRAPH EQUIPPED WITH THE SAME

ſ	APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
L	nonprovisional	NO	\$1440	\$0	\$0	\$1440	04/30/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where ir m

appropriate. All further indicated unless corrected unless corrected anithm and the control of t	ed below or directed oth	ig the Patent, advance of the trivial in Block 1, by (a	a) specifying a new correst	olidelice address, allow	i (b) mateating a sepa	correspondence address as trate "FEE ADDRESS" for
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)			Fee(s	A Transmittal This certi	ficate cannot be used f r, such as an assignme	r domestic mailings of the or any other accompanying nt or formal drawing, must
	7590 01/30			Certificat	e of Mailing or Trans	mission
Hamre, Schum P.O. BOX 2902- Minnepolis, MN		arson, P.C.	I here State addre trans	eby certify that this Feets Postal Service with suessed to the Mail Stopmitted to the USPTO (57)	(s) Transmittal is being fficient postage for firs ISSUE FEE address 71) 273-2885, on the d	deposited with the United telass mail in an envelope above, or being facsimile ate indicated below.
Willinepolis, Will	33402					(Depositor's name)
						(Signature)
		•				(Date)
APPLICATION NO.	FILING DATE	.	FIRST NAMED INVENTOR	ATTO	ORNEY DOCKET NO.	CONFIRMATION NO.
10/089,399	07/22/2002		Takanori Kamada	1	0921.118USWO	4956
TITLE OF INVENTION		ZING UNIT AND HIGH	SPEED LIQUID CHROM.	ATOGRAPH EQUIPPE	D WITH THE SAME	
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO .	\$1440	\$0	\$0	\$1440	04/30/2008
. EXAM	IINER	ART UNIT	CLASS-SUBCLASS			
LUDLOV	V, JAN M	1797	422-070000		<u> </u>	
1. Change of correspond CFR 1.363).	ence address or indication	on of "Fee Address" (37	2. For printing on the pa	atent front page, list 3 registered patent attor	meys 1	
Change of corresp Address form PTO/S	lication (or "Fee Address	ange of Correspondence s" Indication form hed. Use of a Customer	or agents OR, alternative (2) the name of a single registered attorney or a 2 registered patent attorney.	ely, e firm (having as a mem gent) and the names of rneys or agents. If no na	ber a 2up to	
Number is required.	·		listed, no name will be			
3. ASSIGNEE NAME A	ND RESIDENCE DAT	A TO BE PRINTED ON	THE PATENT (print or type dots will appear on the p	ne) atent If an assignce is	identified below, the	document has been filed for
recordation as set for (A) NAME OF ASSI	th in 37 CFR 3.11. Com	pletion of this form is NO	OT a substitute for filing an (B) RESIDENCE: (CITY	4001B		
Please check the approp	riate assignee category o	r categories (will not be p	printed on the patent) :	Individual Corpora	ation or other private gr	roup entity Government
4a. The following fee(s)	are submitted:	•	4b. Payment of Fcc(s): (Plea	ase first reapply any pr	eviously paid issue fee	e shown above)
Issue Fee	No small entity discount	normitted)	☐ A check is enclosed. ☐ Payment by credit card. Form PTO-2038 is attached.			
	# of Copies		The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).			
5. Change in Entity St	atus (from status indicate	ed above)	<u> </u>			
a Applicant clair	ns SMALL ENTITY sta	tus. See 37 CFR 1.27.	b. Applicant is no lon	ger claiming SMALL E	NTITY status. See 37 (the assigned or other party in
NOTE: The Issue Fee a interest as shown by the	nd Publication Fee (if re- records of the United St	quired) will not be accept tates Patent and Tradema	rk Office.	the applicant; a registere	d attorney or agent, or	the assignee or other party in
Authorized Signature	e			Date		
Typed or printed nar	ne					
This collection of informan application. Confide submitting the complet this form and/or sugges Box 1450, Alexandria, Alexandria, Virginia 22 Under the Paperwork R	mation is required by 37 ntiality is governed by 3 ed application form to the stions for reducing this by Virginia 22313-1450. Eduction Act of 1995, note that the stign is set to the still still be set to the still be set to t	CFR 1.311. The informa 5 U.S.C. 122 and 37 CF ne USPTO. Time will vaurden, should be sent to OO NOT SEND FEES OF persons are required to	tion is required to obtain or R 1.14. This collection is estry depending upon the indithe Chief Information Offic R COMPLETED FORMS Trespond to a collection of in	retain a benefit by the prestimated to take 12 minu vidual case. Any commercer, U.S. Patent and Trade O THIS ADDRESS. SE	ublic which is to file (a tes to complete, includents on the amount of lemark Office, U.S. De ND TO: Commissione ays a valid OMB contr	nd by the USPTO to process) ing gathering, preparing, and time you require to complete partment of Commerce, P.O. or for Patents, P.O. Box 1450, ol number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/089,399 07/22/2002		Takanori Kamada	10921.118USWO	4956	
i.	590 01/30/2008		EXAMINER		
	o1/30/2008 nn, Mueller & Larson	LUDLOW, JAN M			
P.O. BOX 2902-09		ART UNIT	PAPER NUMBER		
Minnepolis, MN 5			1797		
			DATE MAILED: 01/30/2008		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 426 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 426 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 (571)-272-4200.